

DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

Inventors: Bruce Techentien, Tommy Grigsby, Bryon Mullen and David Henderson

Attorney Docket No.: 009328 U1 USA Attorney: KONNEKER & SMITH, P.C. Phone: (972) 516-0030

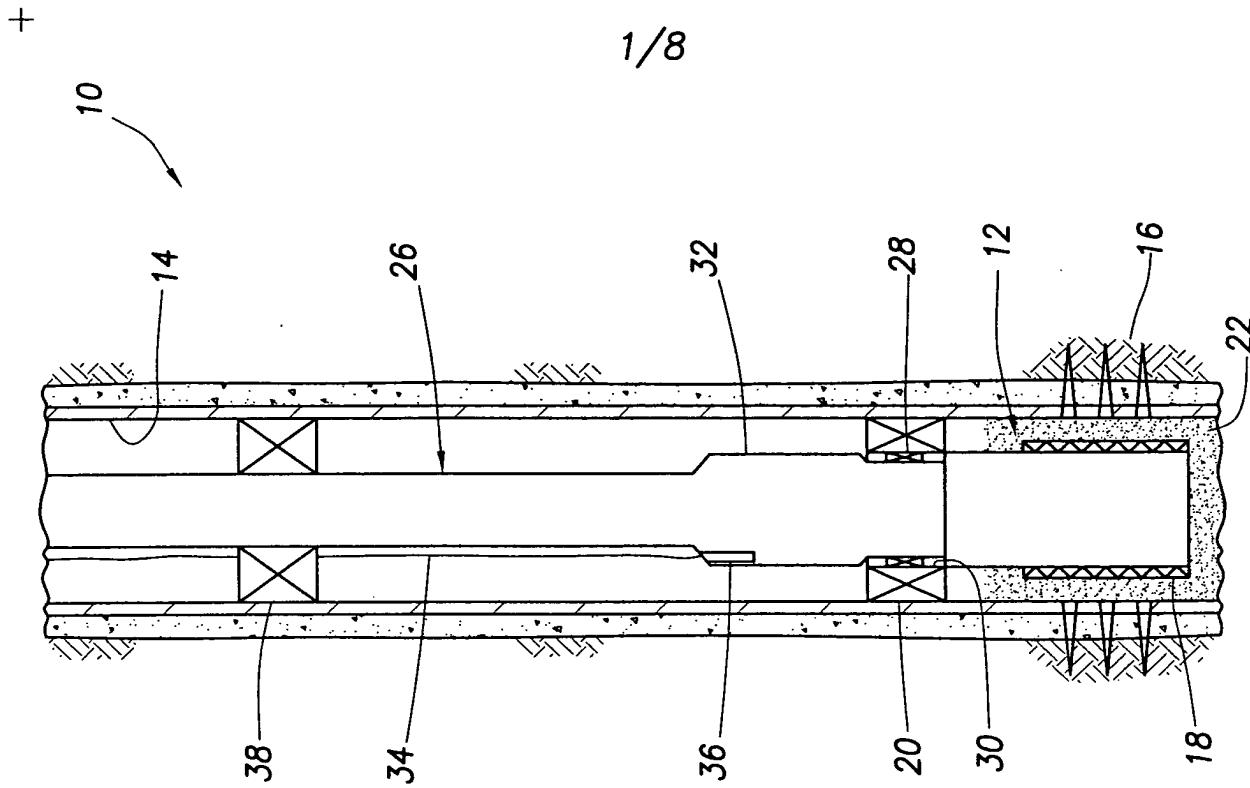


FIG. 2

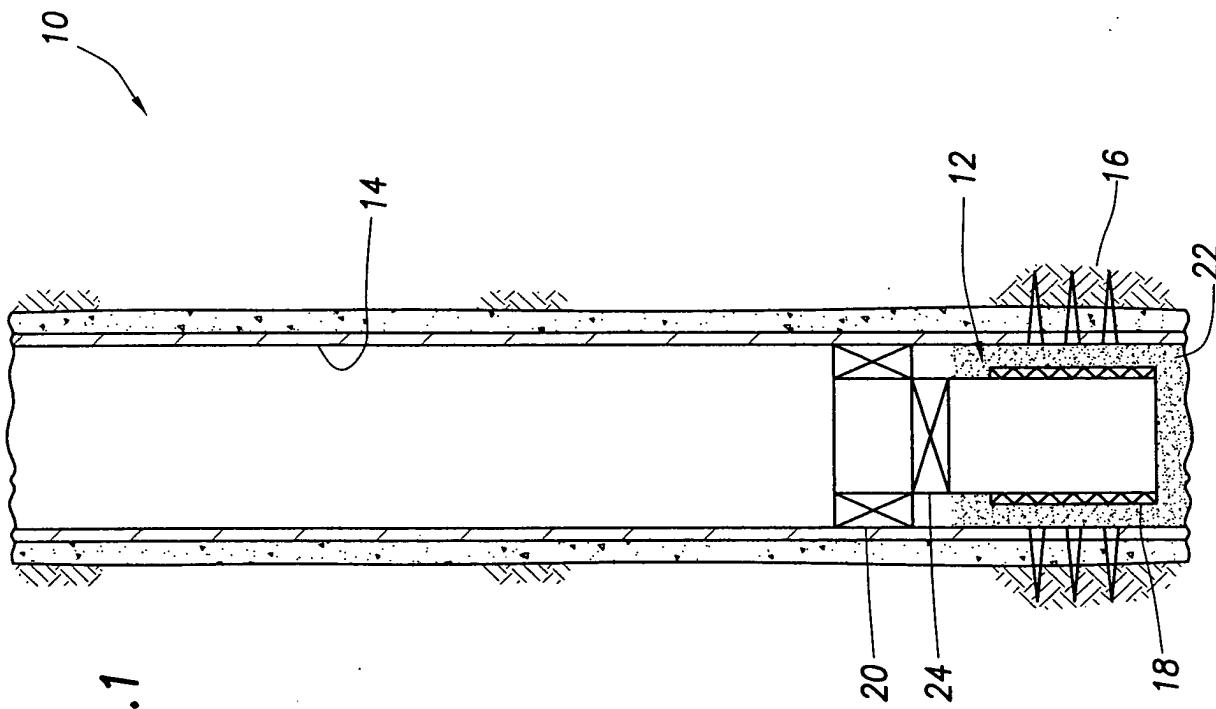


FIG. 1

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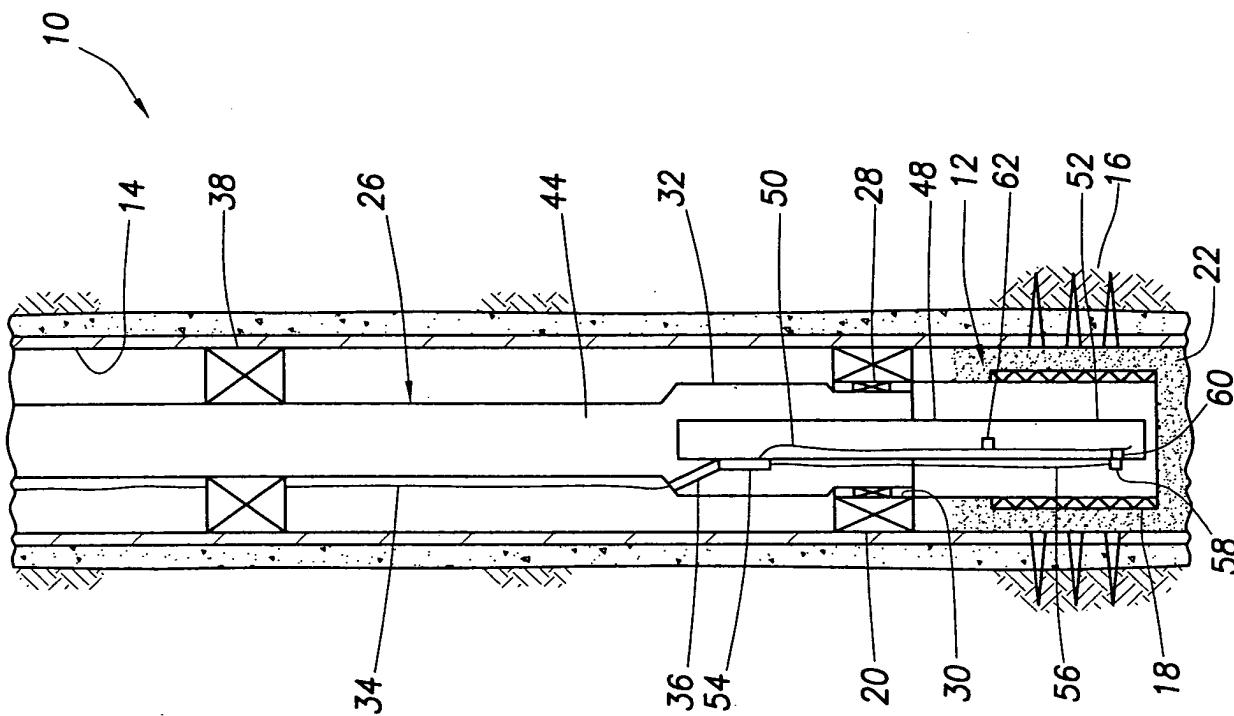


FIG. 4

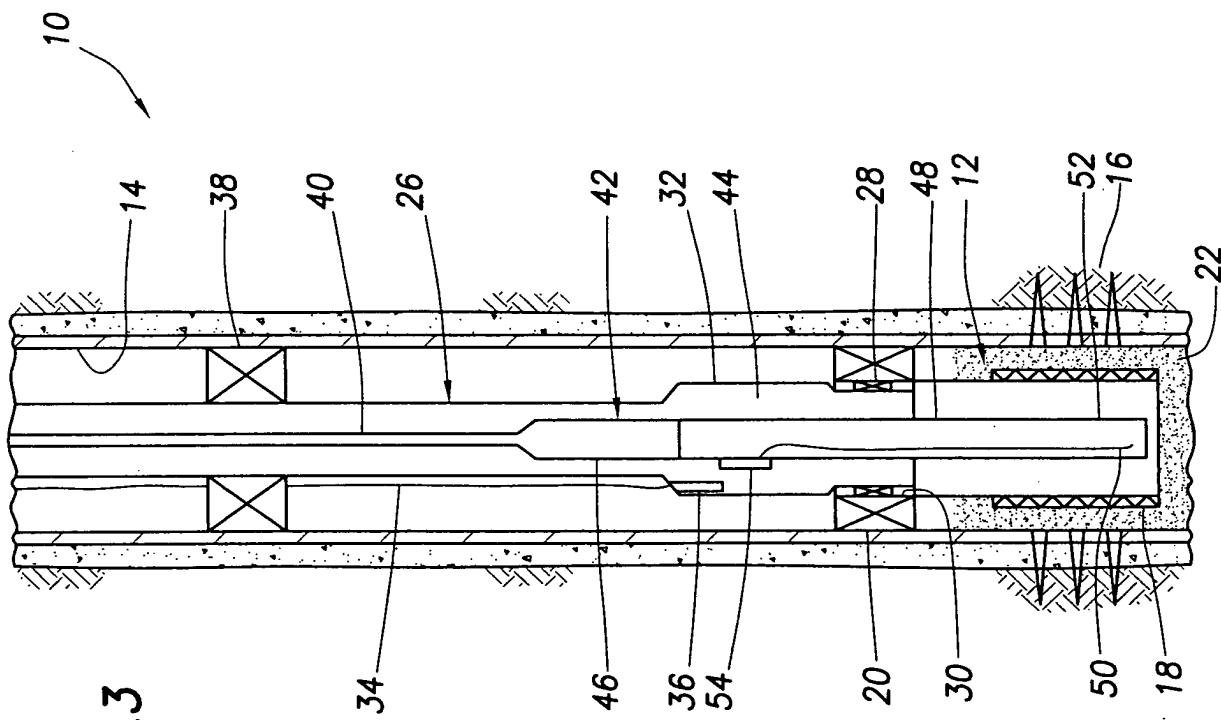


FIG. 3

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DOWNTIME FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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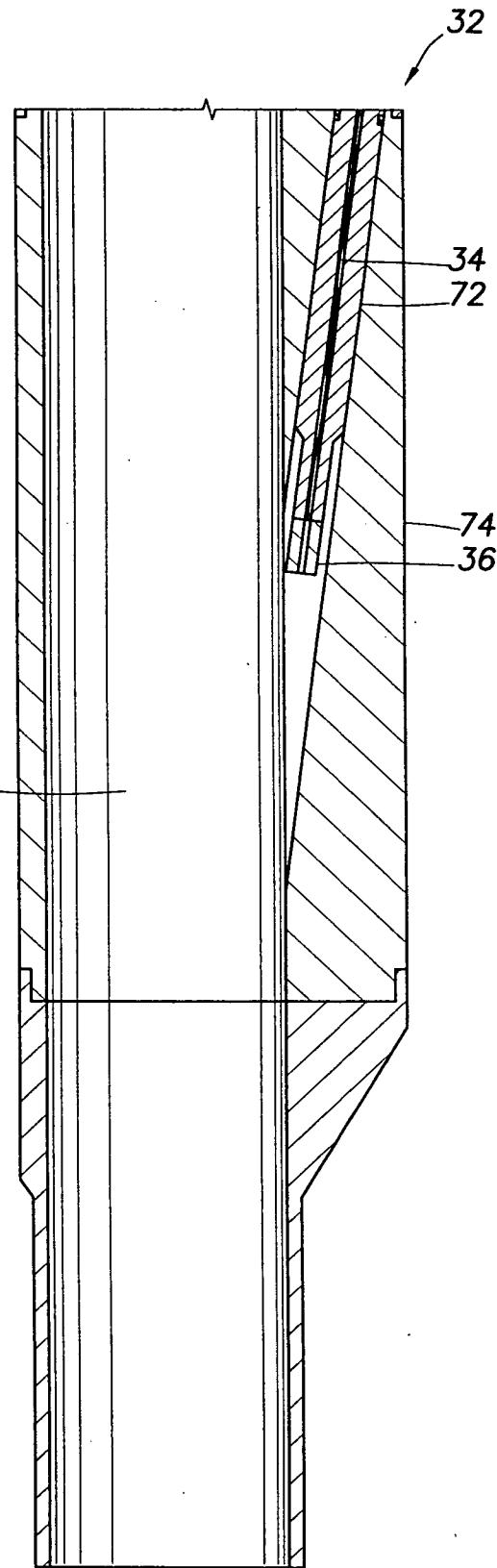
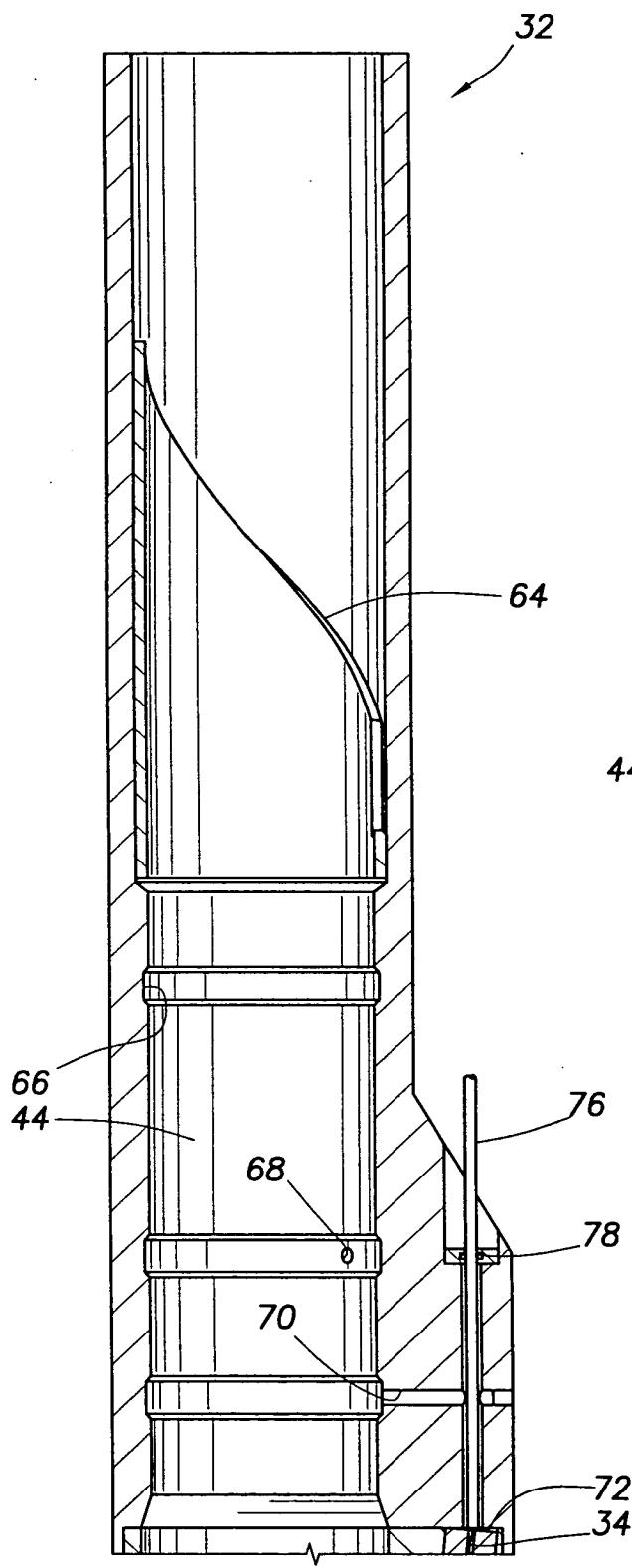


FIG. 5A

FIG. 5B

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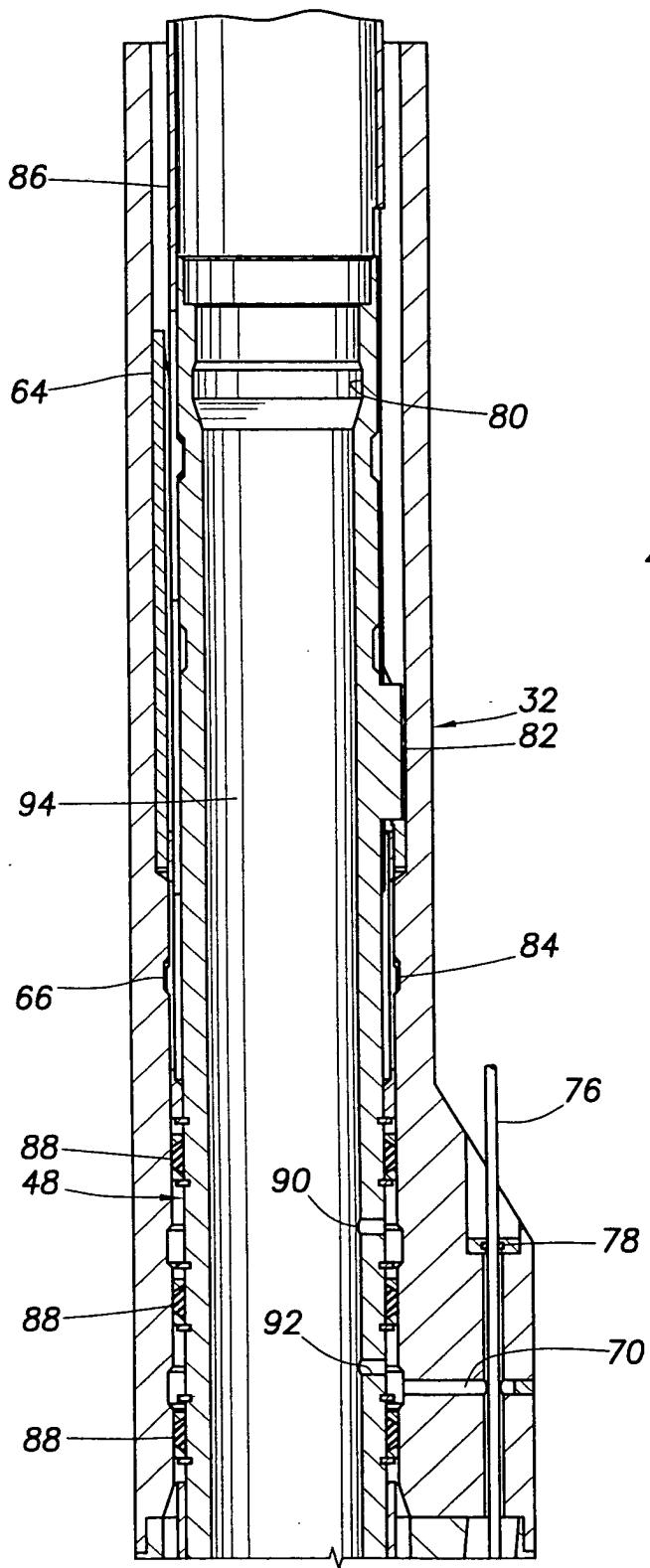


FIG. 6A

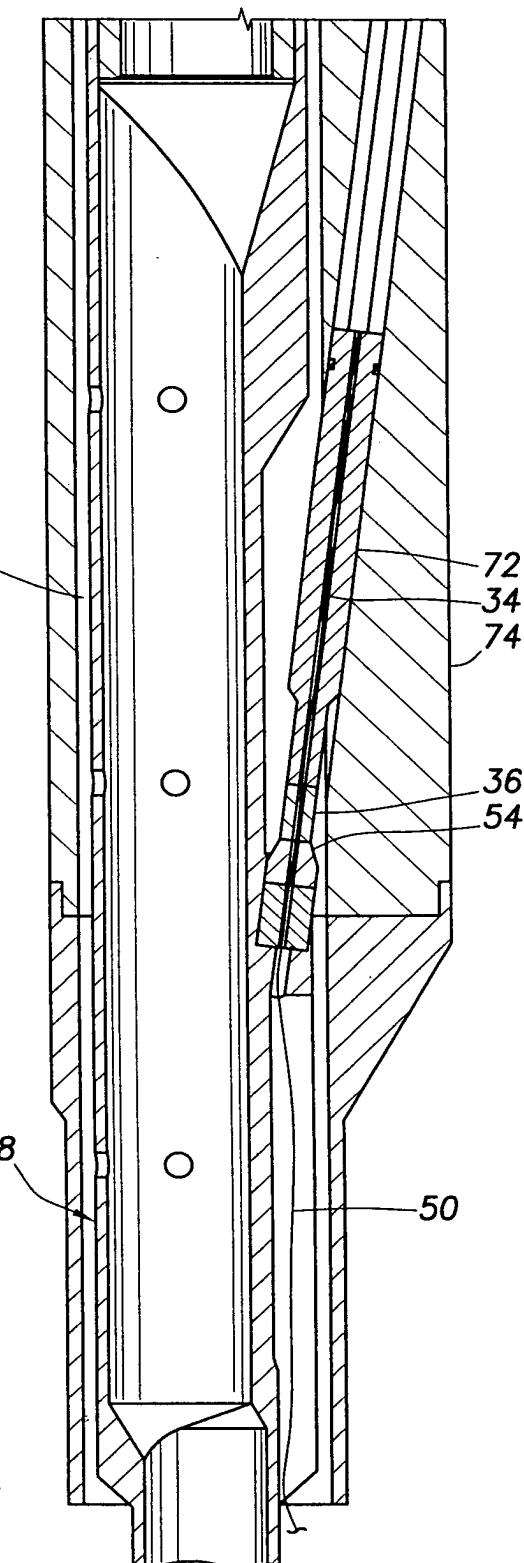


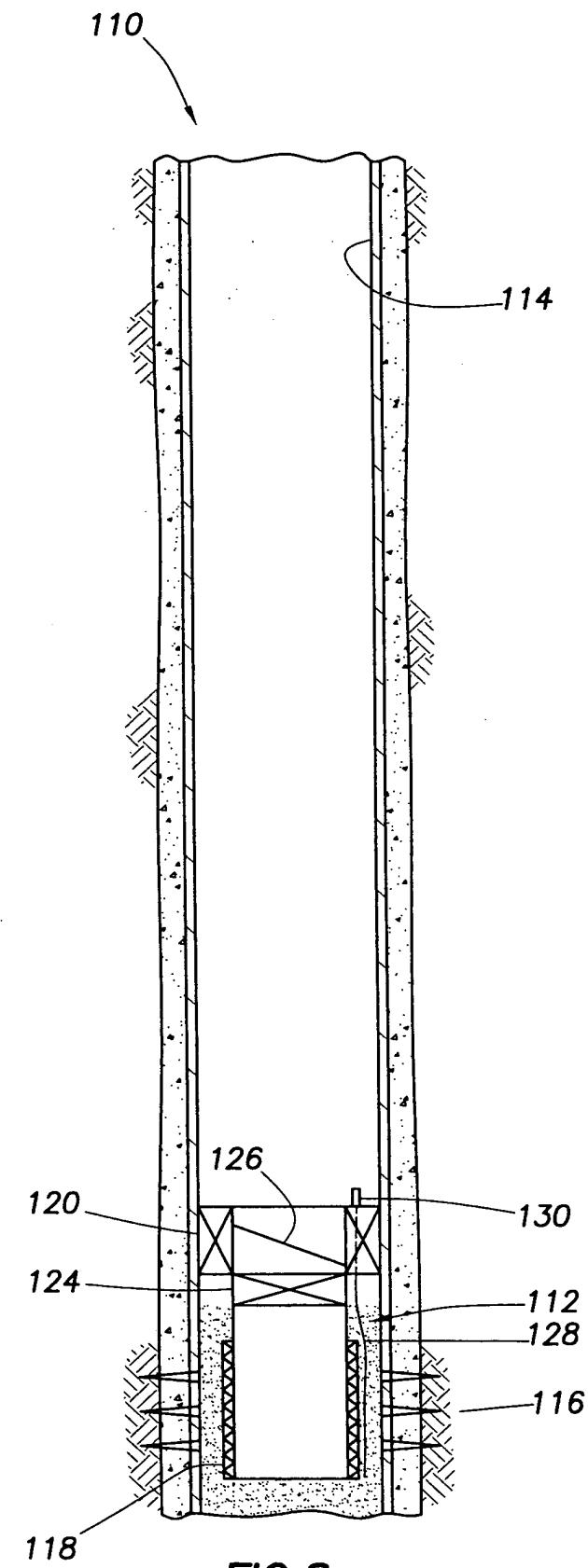
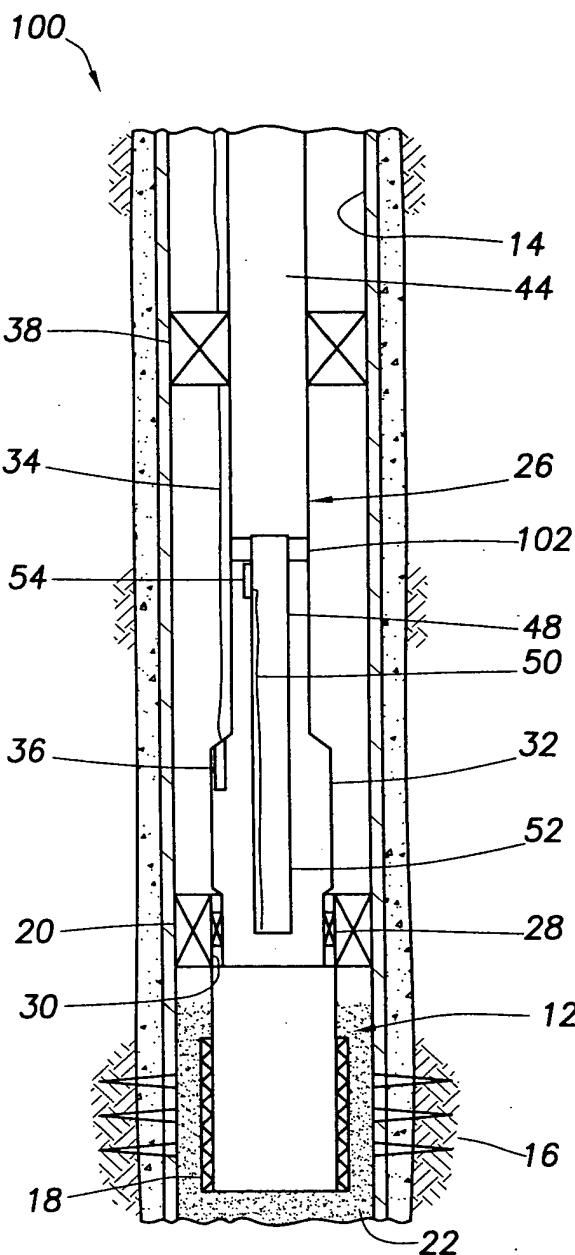
FIG. 6B

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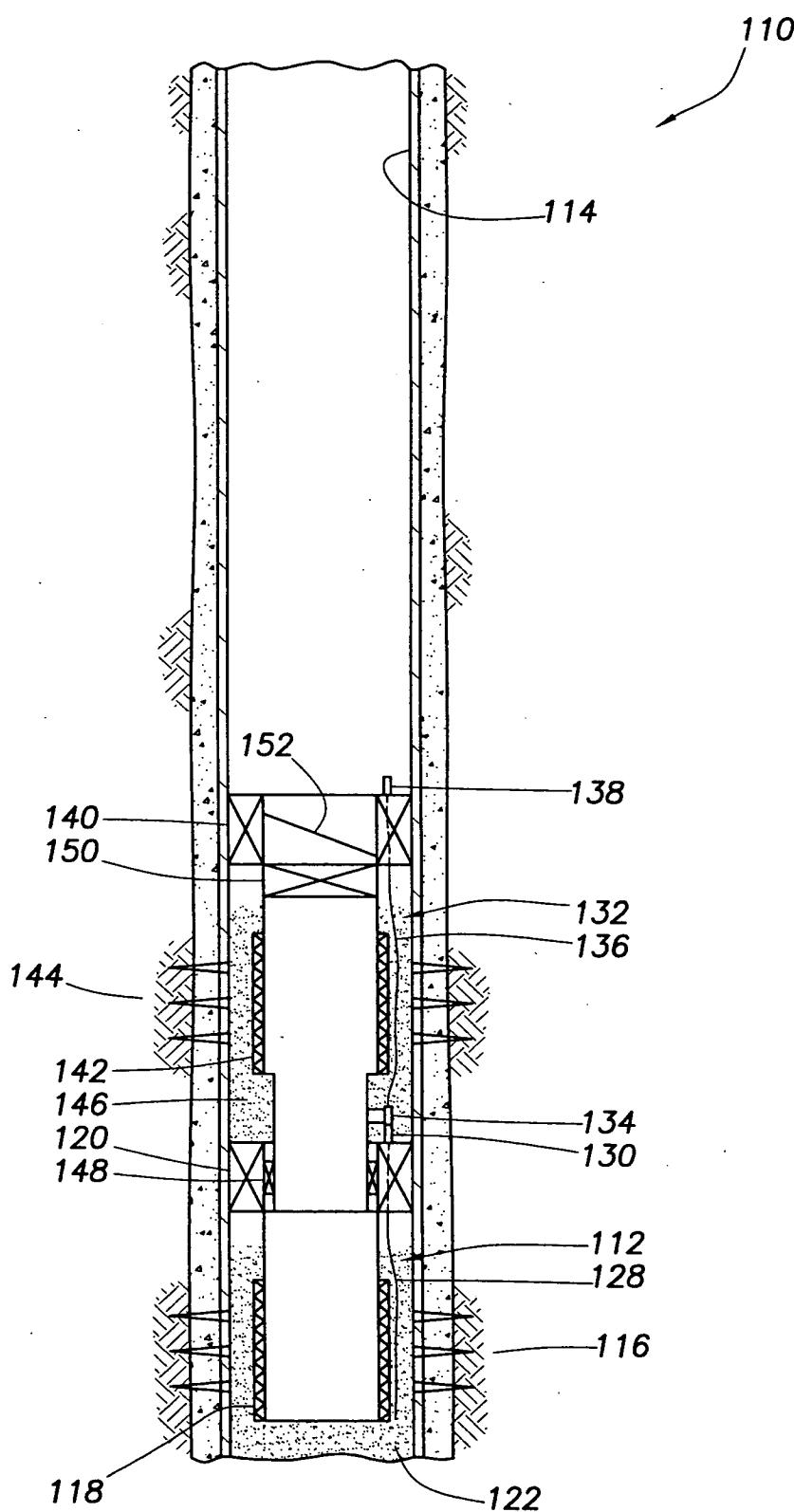


FIG.9

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DOWNTIME FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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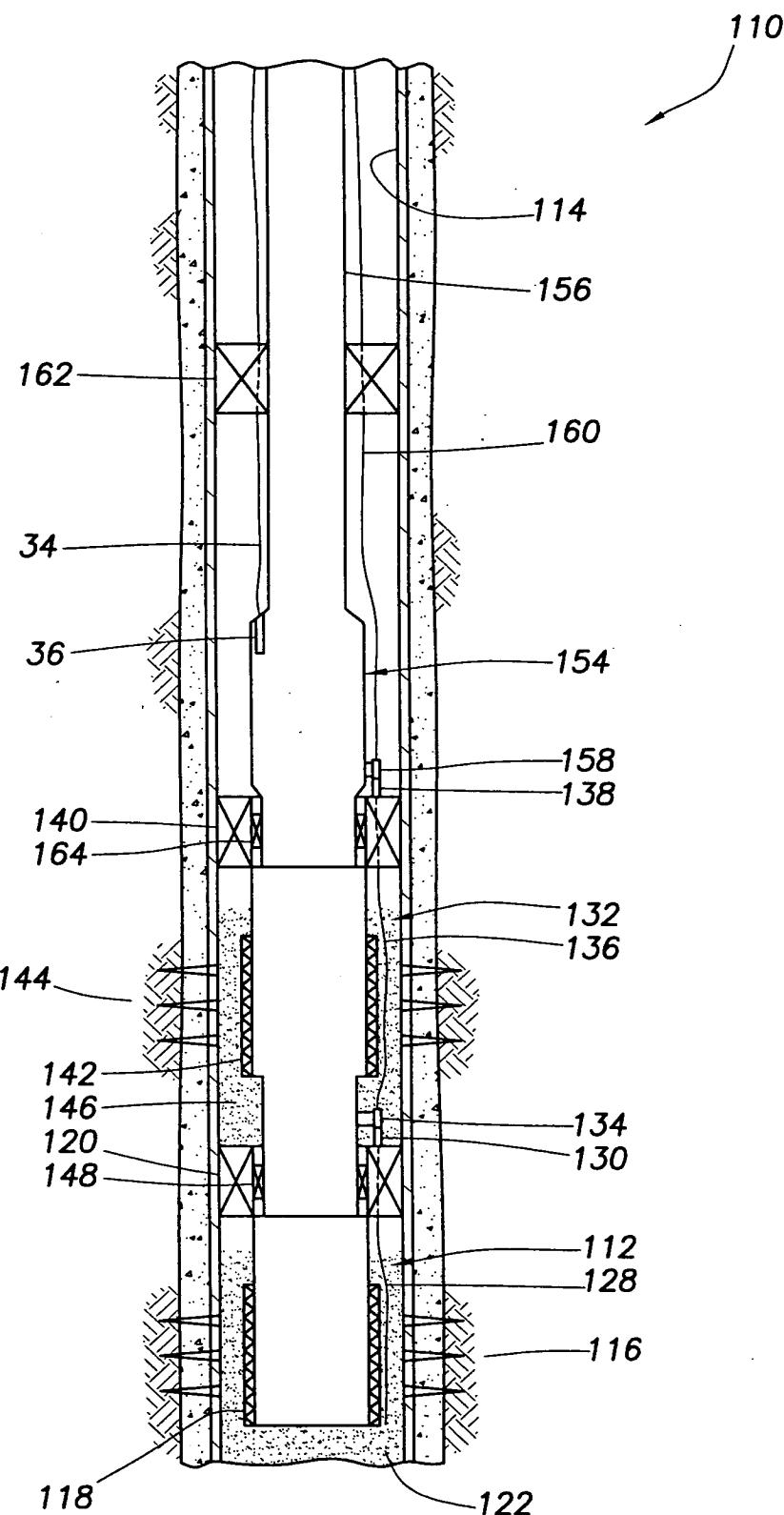


FIG. 10

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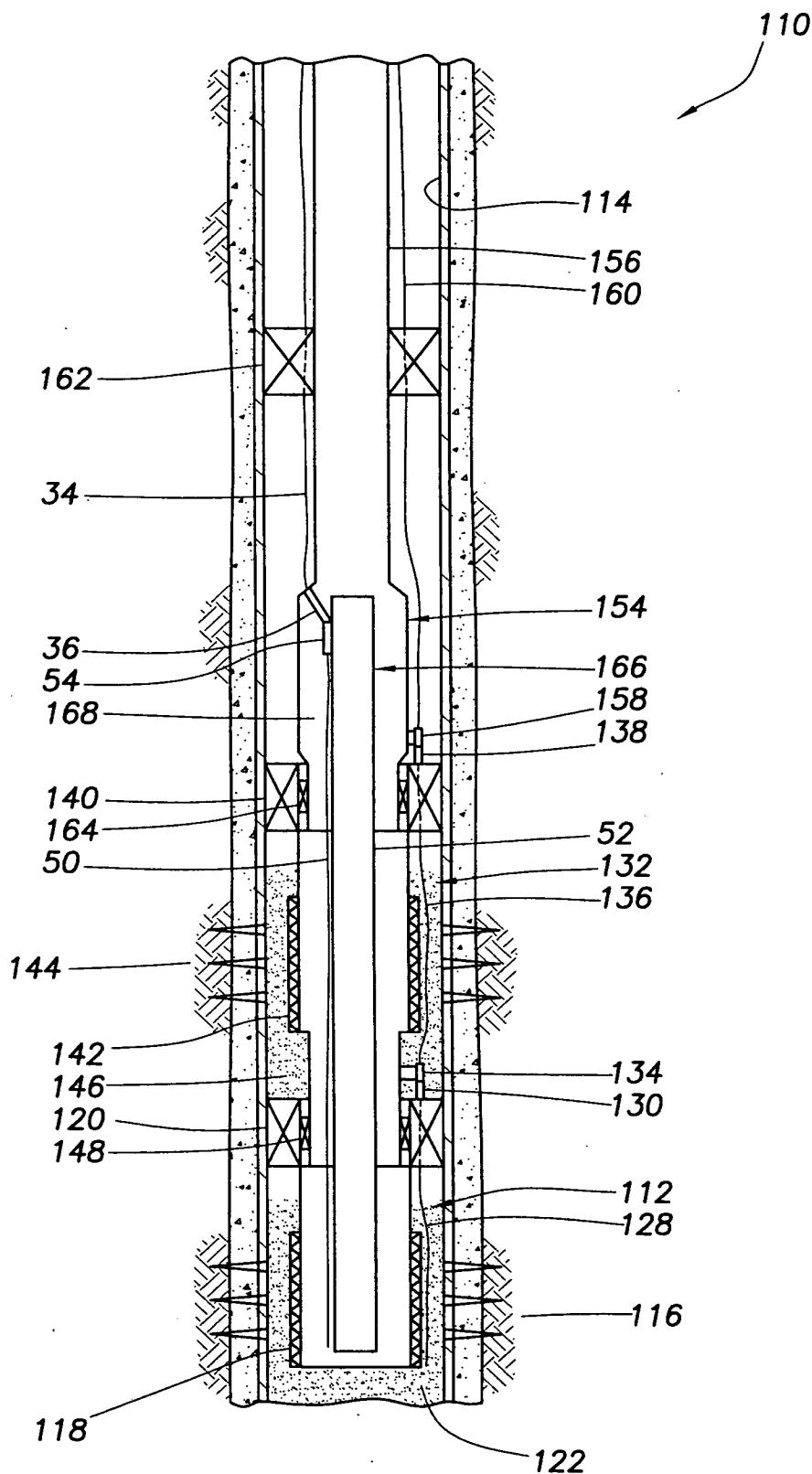


FIG. 11

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